Amendments to the Claims

1.   (currently amended) A method of decompressing image data, the method comprising:

receiving a VQ encoded image <u>encoded with a first codebook;</u> and

decoding the VQ encoded image<u>, such that output image color space processing is</u>

<u>performed in combination with the decoding, resulting in the decoding being performed with</u>

<u>a second codebook;</u> ~~and~~

~~performing output image color space processing in combination with the decoding as~~

~~a single process.~~

2.   (original) The method of claim 1, wherein output image color space processing

further comprises half-toning.

3.   (original) The method of claim 1, wherein output image color space processing

further comprises color transformation.

4.   (original) The method of claim 1, wherein output image color space processing

further comprises color transformation and half-toning.

5.   (original) The method of claim 1, wherein the VQ encoded image is in the

luminance-chrominance color space.

6.   (original) The method of claim 1, wherein the output image color space processing

produces RGB data.

7.   (original) The method of claim 1, wherein the output image color space processing

produces CMYK data.

8.   (currently amended) The method of claim 1, wherein the VQ encoded image is

encoded with a <u>first</u> codebook that is not a power of 2.

9.   (original) The method of claim 1, wherein the VQ decoding footprint is a subset of

the halftone footprint.

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10.   (original) The method of claim 1, wherein the VQ encoded image is encoded through compression of a vector formed by data from multiple color components.

11.   (currently amended) An article including instructions in machine-readable form that, when executed, cause the machine to:

receive a VQ encoded image;

decode the VQ encoded image, such that output image color space processing is performed in combination with the decoding, resulting in the decoding being performed with a second codebook; and

~~perform output image color space processing in combination with the decoding as a single process.~~

12.   (currently amended) A VQ decoder, comprising:

at least one input path operable to receive VQ-encoded data encoded with a first codebook;

a second codebook comprising a lookup table operable to provide output values for a given input value;

a processor operable to receive the VQ-encoded data and access the lookup table to acquire output values such that the output values are both decoded and color transformed using the second codebook; and

at least one output path operable to allow the processor to transmit the output values for further processing.

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